

ABSTRACT

2 A method and apparatus for microfluidic processing by programmably
3 manipulating a packet. A material is introduced onto a reaction surface and
4 compartmentalized to form a packet. A position of the packet is sensed with a position
5 sensor. A programmable manipulation force is applied to the packet at the position. The
6 programmable manipulation force is adjustable according to packet position by a
7 controller. The packet is programmably moved according to the programmable
8 manipulation force along arbitrarily chosen paths.

印譜卷之三